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Notice of References Cited

Application/Control No.

09/405,920

Applicant(s)/Patent Under
Reexamination
CARILLO ET AL.

Examiner

Anne M Beckerleg

Art Unit

1632

Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	A	US- -			
	B	US- -			
	C	US- -			
	D	US- -			
	E	US- -			
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	J	US- -			
	K	US- -			
	L	US- -			
	M	US- -			

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
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	O	- -				
	P	- -				
	Q	- -				
	R	- -				
	S	- -				
	T	- -				

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	Marshall; Gene Therapy 's Growing Pains, 1995, Science, Vol. 269: 1050-1055.
	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

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PTO/SB/08A (10-01)
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known	
		Application Number	09/405,920
		Filing Date	September 24, 1999
		First Named Inventor	Serge CARILLO et al.
		Art Unit	1632
		Examiner Name	A. Beckerleg
Sheet 1	of 2	Attorney Docket Number	ST94037

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number- Kind Code ² (if known)			
	A1	US-			
	B1	US-			
	C1	US-			
	D1	US-			
	E1	US-			
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FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
	FA1	WO 00/21575	04-20-2000	Atencio		
	FA2					
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	FA10					

Examiner Signature	<i>[Signature]</i>	Date Considered	1/28/03
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¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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PTO/SB/08B (10-01)

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Substitute for form 1449B/PTO		Complete if Known	
		Application Number	09/405,920
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Filing Date	September 24, 1999
		First Named Inventor	Serge CARILLO et al.
		Group Art Unit	1632
		Examiner Name	A. Beckerleg
		Attorney Docket Number	ST94037A
Sheet	2	of	2

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ²	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
AC		Wagenknecht et al., "Proteasome Inhibitors Induce p53/p21-Independent Apoptosis in Human Glioma Cells", Cell Physiol Biochem 1999; 9:117-125	
		An et al., "Protease inhibitor-induced apoptosis: accumulation of wt p53, p51 WAF1/CIP1, and induction of apoptosis are independent markers of proteasome inhibition", Leukemia (2000) 14; 1276-1283	
		Kubbutat et al., "Proteolytic Cleavage of Human p53 by Calpain: a Potential Regulator of Protein Stability", Molecular and Cellular Biology, Jan. 1997; pp. 460-468	
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		Atencio et al., "Caspain Inhibitor 1 Activates p53-dependent Apoptosis in Tumor Cell Lines", Cell Growth & Differentiation, May 2000; Vol. 11, 247-253	
		Pariat, et al., "Proteolysis by Calpains: a Possible Contribution to Degradation of p53", Molecular and Cellular Biology, May 1997; Vol. 17 No. 5, pp. 2806-2815	
		Carafoli, et al., "Breakthroughs and Views Calpain: A Protease in Search of a Function?", Biochemical and Biophysical Research Communications 247, 193-203 (1998)	

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Notice of References CitedApplication No.
09/405,920

Applicant(s)

Carillo et al.

Examiner

Gai (Jennifer) Mi Lee

Group Art Unit

1632

Page 1 of 3

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	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS
A	5,629,165	5/1997	Nixon et al.	435	7.21
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U	Asada et al., "cDNA cloning of human calpastatin: sequence homology among human, pig, and rabbit calpastatins." J. Enzym. Inhib., Vol. 3 (1): 49-56.	1989
V	Bischoff et al., "An adenovirus mutant that replicates selectively in p53-deficient human tumor cells." Science, Vol. 274: 373-376.	10/1996
W	Miller et al., "Targeted vectors for gene therapy." FASEB, Vol. 9: 190-199.	2/1995
X	Crystal, RG., "Transfer of Genes to Humans: Early lessons and obstacles to success." Science, Vol. 270: 404-410.	1995

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Carlillo et al.Examiner
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Page 2 of 3

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V	Verma et al., "Gene therapy- promises, problems and prospects." <i>Nature</i> , Vol. 389: 239-242.	9/1997
W	Deonarain, MP., "Ligand-targeted receptor-mediated vectors for gene delivery." <i>Exp. Opin. Ther. Patents</i> , Vol. 8 (1): 53-69.	1998
X	Eck et al., "Gene-based therapy." <i>Goodman & Gilman's The Pharmacological Basis of Therapeutics</i> , McGraw-Hill-Ninth Edition: 77-101.	1996

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Page 3 of 3

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NON-PATENT DOCUMENTS

	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
U	Orkin et al., "Report and recommendations of the panel to assess the NIH investment in research on gene therapy." Pages 1-20.	12/1995
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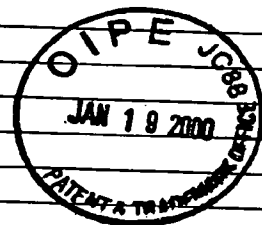


PTO/SB/08A (6-95)
Approved for use through 09/30/98, OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

1449A/PTO		U.S. Department of Commerce Patent and Trademark Office		Complete if Known	
LIST OF PRIOR ART CITED BY APPLICANT (use as many sheets as necessary)				Application Number	09/405,920
				Filing Date	September 24, 1999
				First Named Inventor	Carillo et al.
				Group Art Unit	1614
				Examiner Name	
Sheet	1	of	2	Attorney Docket Number	ST94037 A-US

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	U.S. Patent Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
<i>SM</i>	AA	4,788,219		Sakurai et al.	11-29-1988	
<i>SM</i>	AB	5,496,731		Xu et al.	03-05-1996	



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Examiner Initials	Cite No.	Foreign Patent Document Office Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
<i>SM</i>	FA	EP 159 678		Sakurai et al.	10-30-1985		
<i>SM</i>	FB	EP 395 309		Asada et al.	10-31-1990		
<i>SM</i>	FC	WO 92/21373		Logothetou-Rella	12-10-1992		
<i>SM</i>	FD	WO 93/02106		Nixon et al.	02-04-1993		
<i>SM</i>	FE	EP 569,122		Omura et al.	11-10-1993		
<i>SM</i>	FF	EP 580 161		Saito et al.	01-26-1994		
<i>SM</i>	FG	WO 94/21817		Henkart et al.	09-29-1994		

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Unique citation designation number. See attached kinds of U.S. Patent Documents. Enter Office that issued the document, by the two letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.1 if possible. Applicant is to place a check mark here if English language Translation is attached.

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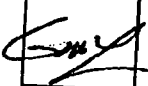




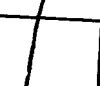

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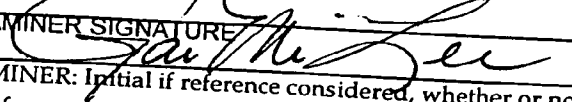
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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

1449A/PTO		U.S. Department of Commerce Patent and Trademark Office		Complete if Known	
LIST OF PRIOR ART CITED BY APPLICANT (use as many sheets as necessary)				Application Number	09/405,920
				Filing Date	September 24, 1999
				First Named Inventor	Carillo et al.
				Group Art Unit	1614
				Examiner Name	
Sheet	2	of	2	Attorney Docket Number	ST94037 A-US

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, country, where published, source.
	PA	Livrero et al., Defective and Nondefective Adenovirus Vectors for Expressing Foreign Genes In Vitro and In Vivo, Gene, 101, 195-202, (1991)
	PB	Maki et al., Inhibition of Calpain by a Synthetic Oligopeptide Corresponding to an Exon of the Human Calpastatin Gene, Journal of Biol. Chemistry, 264, (32), 18866-18869, (1989)
	PC	Ohkoshi, Effect of Aprotinin On Growth Of 3-Methylcholanthrene-Induced Squamous Cell Carcinoma In Mice, Gann 71: 246-250 (1980)
	PD	Troll et al., Protease Inhibitors as Anticarcinogens, JNCL 73(6): 1245-1250 (1984)
	PE	Emori et al., All Four Repeating Domains of the Endogenous Inhibitor for Calcium-dependent Protease Independently Retain Inhibitory Activity, Journal of Biological Chemistry 263(5): 2364-2370 (1988)
	PF	Witschi et al., Modulation of lung tumor development in mice with the soybean-derived Bowman-Birk protease inhibitor, Carcinogenesis 10:2275-2277 (1989)
	PG	Orkin et al., Report & Recommendations Of The Panel To Assess The NIH Investment In Research On Gene Therapy, NIH (1995)
	PH	Carillo et al., Differential sensitivity of FOS and JUN family members to calpains, Oncogene 9, 1679-1689 (1994)

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TO SEPARATE, HOLD TOP AND BOTTOM EDGES, SNAP-APART AND DISCARD CARBON

FORM PTO-892 (REV. 2-92)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		SERIAL NO. 81737,953	GROUP/ART UNIT 1632	ATTACHMENT TO PAPER NUMBER 13			
NOTICE OF REFERENCES CITED				APPLICANT(S) <i>Car. Ho et al</i>					
U.S. PATENT DOCUMENTS									
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FOREIGN PATENT DOCUMENTS									
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	M								
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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)									
•	R	<i>Orkin et al (1995) Report and Recommendations of the Panel To Assess the NIH Investment in Research on Gene Therapy</i>							
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EXAMINER: <i>P. Campbell</i>		DATE: <i>7/16/98</i>							
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U.S. Department of Commerce
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LIST OF PRIOR ART CITED BY APPLICANT

Application Number	08/737,953
Filing Date	27 November 1996
First Named Inventor	Carillo et al.
Group Art Unit	1819
Examiner Name	A. Razzaque
Attorney Docket Number	ST94073-US

061 - 100-

Class / subclass

PATENT & TRADEMARKS
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LIST OF PRIOR ART CITED BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	08/737,953
Filing Date	27 November 1996
First Named Inventor	Carillo et al.
Group Art Unit	1819
Examiner Name	A. Razzaue
Attorney Docket Number	ST94073-US

Sheet 2 of 2

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, country, where published, source.

T2

Carillo et al., Differential sensitivity of FOS and JUN family members to calpains, Oncogene 9, 1679-1689 (1994)

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PTO 892 DEA/FCE 1994 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE NOTICE OF REFERENCES CITED	SERIAL NUMBER 08/737,953	Art Unit 1819	Attachment to Paper Number 10
APPLICANT(S) : Carillo et al			

U.S. PATENT DOCUMENTS							
*		DOCUMENT NUMBER	DATE	NAME(S)	CLASS	SUBCLASS	FILING DATE
	✓	5,496,731	3/96	Xu et al	435	320.1	

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*		DOCUMENT NO.	DATE	COUNTRY	NAME	CLASS	SUBCLASS	PERTINENT DRW	SPEC
	✓	92/21373	12/92	WO	Logothetou- Rella	---	---	---	---

*		OTHER REFERENCES (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)							
	✓	Y Emori et al (1988) J Biol Chem 263: 2364-2370							
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	✓	W Troll et al (1984) JNCI 73: 1245-1250							
	✓	M Ohkoshi (1980) Gann 71: 246-250							

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FORM PTO-892 (REV. 3-78)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		SERIAL NO. 08/737953		GROUP/ART UNIT 1819		ATTACHMENT TO PAPER NUMBER 24						
NOTICE OF REFERENCES CITED				APPLICANT(S) Carillo et al										
U.S. PATENT DOCUMENTS														
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